

1. Transmitted Data

1-1. Channel Messages

Status	Second	Third	Description
1100 nnnn (Cn)	0ppp pppp (pp)		Program Change *1

Notes *1: Transmitted when "SceneNumber" is changed in the [SCENE]"ReadDel" tab page.
 Transmitted when a scene is registered by pressing the [STORE] key and [SCENE] key.
 Transmitted when "SceneRead" is "On" and when the scene changed during playback/recording
 Program Change #000-099 correspond to Scene Number 001-100.

1-2. System Common Messages

Status	Second	Third	Description
1111 0001 (F1)	0nnn dddd (nd)		MTC Quarter Frame *1
1111 0010 (F2)	0sss ssss (ss)	0ttt tttt (tt)	Song Position Pointer *2

Notes *1: Transmitted when MTC30 is selected for MIDISync Output.
 *2: Transmitted when MIDIClock is selected for MIDISync Output.

1-3. System Real time Messages *1

Status	Description
1111 1000 (F8)	Timing Clock
1111 1011 (FB)	Continue (Start)
1111 1100 (FC)	Stop

Notes *1: Transmitted when MIDIClock is selected for MIDISync Output.

2. Recognized Data

2-1. Channel Messages

Status	Second	Third	Description
1001 nnnn(9n)	0kkk kkkk (kk)	---- -- *2	Note On (note) *1
1001 nnnn(9n)	---- -- *2	0vvv vv vv (vv)	Note On (velocity) *1
1011 nnnn(Bn)	0ccc cccc (cc)	0vvv vv vv (vv)	Control Change (0-119) *1
1101 nnnn(Cn)	0ppp pppp (pp)		Program Change *3
1101 nnnn(Dn)	0vvv vv vv (vv)		Channel Pressure (as After Touch) *1
1110 nnnn(En)	0hhh hhhh (hh)	---- -- *2	Bender Change *1

Notes *1: Received when these messages are selected for "CtrlChgDevice" and CtrlChgAssign is selected for insertion effect that will be controlled.

*2: Not recognized at all.

*3: Received when "SceneRead" is "Off".
 Program Change #000-099 correspond to Scene Number 001-100.

2-2. Universal System Exclusive Messages

MIDI Machine Control *1

Status	Description
1111 0000 (F0)	Universal System Exclusive
0111 1111 (7F)	Real Time Header
00aa aaaa (aa)	Destination (01 thru 32)
0000 0110 (06)	Machine Control Command(mcc)sub-ID
0bbb bbbb (bb)	Command String *2
:	
:	
1111 0111 (F7)	End-of-Exclusive

Notes *1: Received when "RcvMMC" is "On".
 *2: <Command String> ::= <Command> | <Command String><Command>
 Number of bytes in a Command String field must not exceed 48.

2-3. System Real time Messages *1

Status	Description
1111 1000 (F8)	Timing Clock
1111 1010 (FA)	Start
1111 1100 (FC)	Stop

Notes *1: Received to record tempo when "SelectRecTempoType" is set to "MIDIClock" in [TEMPO/RHYTHM]"TmpTrk."

3. MIDI MACHINE CONTROL COMMANDS

Communication between the D16(Controlled Device) and a Controller is in the "open loop" mode only. The D16 accepts commands from MIDI IN port but does not send any response to MIDI OUT.

Available Commands

(MCS=Motion Control State,MCP=Motion Control Process)

HEX	Command
01	STOP(MCS)
03	DEFFERD PLAY(MCS)
04	FAST FORWARD(MCS)
05	REWIND(MCS)
06	RECORD STROBE
07	RECORD EXIT
08	RECORD PAUSE
09	PAUSE(MCS)
0D	MMC RESET
40	WRITE
44	LOCATE(MCP)
4C	MOVE

Available Information Fields

HEX	Information Field Name
01	SELECTED TIME CODE
08	GP0/LOCATE POINT

D16 Signature (The D16 never transmits this message.)

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01 00 00 00
0C
7B 47 00 00 00 00 00 00 00 00
11 20
02
02 02
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